

OEE Studio Tool Tip

Active Schedules Dashboard (v4.x)

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Schedule Reports

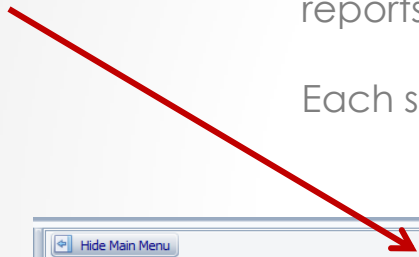
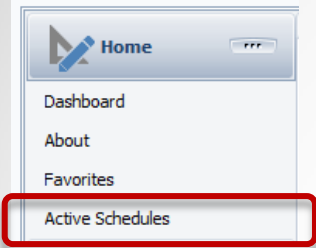
- It is **very** important to understand when your shifts start and end to ensure that the report can be created.
- The **Schedule Reports** option provides the ability to schedule a report to be emailed at a preset 'scheduled' time.
- This requires the **OEE Studio Scheduler Service** to be installed on the same server as the XL Bolt-On Data Collector.
- (Please contact us to work with your IT team to get it installed.)
- For more details on how to schedule reports, please visit our website ~ Scheduling Reports:
<http://oeestudio.com/images/Scheduler/OEESTudio-ScheduleReportsToBeEmailed.pdf>

Active Schedules Status Dashboard

The OEE Studio Scheduler Service is controlled by the OEE Studio Scheduler Admin application that is installed on the same server as the XL Bolt-On Data Collector. It is a windows service that is constantly running.

Because most people do not have access to their servers, we have now added the Active Schedules Dashboard so that you can easily see how your reports are scheduled and when they are expected to run.

Each scheduled report shows up as a tile on the screen.



Scheduling Service

5/2/2019 12:55:46 PM
Thursday, May 02, 2019

Last Service Poll
Thursday, May 02, 2019 12:55:26 PM
19 seconds ago

Last Service Status Report
Thursday, May 02, 2019 12:55:25 PM
The Scheduler Service was restarted

Last Change to Schedules
Thursday, May 02, 2019 12:55:32 PM

Scheduling and Shifts

Important : Shift Times and Scheduling :

Data for reporting on a device is only available at the end of the shift. If a shift is still in progress when the schedule is run, no data will be available for that shift. Please make sure the start time, end time and schedule time are chosen appropriately.

Use the buttons for each schedule to view a summary of the recent shift times and projected schedules.

Schedule Summary

Enter text to search... Find Clear

#1 - *All Shift Production Summary Report with Comments

Title: *All Shift Production Summary Report with Comments
Description: VetigROUP
Created by DebbieO 3/15/2019
Frequency: Every Week on Friday at 9:00 AM.
Date Range: Current Week
Hierarchy: Enterprise VetigROUP
Start Time: 06:30 AM
End Time: 06:30 PM
Next Run Date: Friday, 03 May 2019 09:00 AM




View Shift Times Show Projected Schedules Show Report Parameters

#2 - Shift Comment Report - First Shift - Line 5

Active Schedules Status Report Tile

#1 - *All Shift Production Summary Report with Comments ^

Title:	*All Shift Production Summary Report with Comments
Description:	VetiGROUP Created by DebbieO 3/15/2019
Frequency:	Every Week on Friday at 9:00 AM.
Date Range:	Current Week
Hierarchy:	Enterprise VetiGROUP
Start Time:	06:30 AM
End Time:	06:30 PM
Next Run Date:	Friday, 03 May 2019 09:00 AM

 View Shift Times  Show Projected Schedules  Show Report Parameters

Each Report Tile displays the information about the report.

View Shift Times – displays all the shift start and end times as well as the time the shift was captured and copied to the database.

Show Projected Schedules – displays the projected scheduling of the report based on the defined parameters.

Show Report Parameters – displays all of the options that were selected for the report.

Active Schedules Status Report – View Shift Times

Shift Start and End Times

Enterprise VetiiGROUP.

Late starting or finishing shifts are displayed in red
Late Capture Times are displayed in yellow

Expand All Collapse All

Device Shift

Start Time	End Time	Capture Time
Device: Bartelt5		
Shift: First Shift		
1/16/2019 6:30:01 AM	1/16/2019 2:50:01 PM	1/16/2019 2:49:45 PM
1/17/2019 6:30:01 AM	1/17/2019 2:50:01 PM	1/17/2019 2:49:45 PM
1/18/2019 6:30:01 AM	1/18/2019 2:50:01 PM	1/18/2019 2:49:45 PM
1/21/2019 6:30:01 AM	1/21/2019 2:50:01 PM	1/21/2019 2:49:45 PM
1/22/2019 6:30:01 AM	1/22/2019 2:50:01 PM	1/22/2019 2:49:45 PM
1/23/2019 6:30:01 AM	1/23/2019 2:50:01 PM	1/23/2019 2:49:45 PM
1/24/2019 6:30:01 AM	1/24/2019 2:50:01 PM	1/24/2019 2:49:45 PM
1/25/2019 6:30:01 AM	1/25/2019 2:50:01 PM	1/25/2019 2:49:45 PM
1/28/2019 6:30:01 AM	1/28/2019 2:50:01 PM	1/28/2019 2:49:45 PM
1/29/2019 6:30:01 AM	1/29/2019 2:50:01 PM	1/29/2019 2:49:45 PM
1/30/2019 6:30:01 AM	1/30/2019 2:50:01 PM	1/30/2019 2:49:45 PM
Shift: Second Shift		
Shift: Third Shift		
Device: Bartelt6		
Shift: First Shift		
1/16/2019 6:30:00 AM	1/16/2019 2:50:00 PM	1/16/2019 2:51:45 PM
1/17/2019 6:30:00 AM	1/17/2019 2:50:00 PM	1/17/2019 2:51:45 PM
1/18/2019 6:30:00 AM	1/18/2019 2:50:00 PM	1/18/2019 2:51:45 PM
1/21/2019 6:30:00 AM	1/21/2019 2:50:00 PM	1/21/2019 2:51:45 PM
1/22/2019 6:30:00 AM	1/22/2019 2:50:00 PM	1/22/2019 2:51:45 PM
1/23/2019 6:30:00 AM	1/23/2019 2:50:00 PM	1/23/2019 2:52:45 PM
1/24/2019 6:30:00 AM	1/24/2019 2:50:00 PM	1/24/2019 2:52:45 PM

Close

It is **VERY IMPORTANT** to understand how your shift start and end times have been scheduled in each Vorne XL v1 device.

As the example to the left shows for the First Shift, the shift Start and End times are always 1 second after the whole shift time.

This 1 second will impact how the report will bring back data. Therefore, when you select the report parameters for the start and end, it is recommended that you add 1 minute to the report end time.

(Please see this tool tip for more details ~ **Scheduling Reports:**

<http://oeestudio.com/images/Scheduler/OEEStudio-ScheduleReportsToBeEmailed.pdf>

The **Capture Time** is also important. In the first instance it shows that the data was copied from the device to the database a couple of seconds before the shift end time. As long as it shows up in this screen, it will show up in the report.

If the Capture Time is highlighted in Yellow, it means that the data copied from the device was harvested after the shift ended. This could be due to network issues. If this happens on a consistent basis, then you need to make sure you schedule the report in the timeframe after the Capture Time.

Active Schedules Status – Show Report Parameters

Favorite Scheduling Parameters [X]

Date Range: Current Day
Date Values: From 5/2/2019 6:30:00 AM To 5/2/2019 2:51:00 PM

Hierarchy: Enterprise
Hierarchy Value: VetiiGROUP
Device: Bartelt5
Down Time Include Standby: Yes
Down Time Include Setup: No
Selected Shifts: First Shift
Production OEE Show Run State: No
Production OEE Show Down State: Yes
Production OEE Show Setup State: No
Production OEE Show Standby State: No
Line OEE Report Level: 0
Favorite Stored Title: Shift Comment Report - First Shift - Line 5
Favorite Stored Description: VetiiGROUP
Bartelt5
Created by DebbieO 4/29/2019

OK

The Show Report Parameters button displays all of the parameters that were selected for the given report.

Take note that the Date Range To: is 1 minute after the actual Shift End time.

Hierarchy
Enterprise [v] VetiiGROUP [v]

Date Range
From 5/2/2019 [v] 6:30 AM [v]
To 5/2/2019 [v] 2:51 PM [v]
Preset Dates [v] Prev/Next [v]
Choose Preset [v] <<...>> [v]

Available Items
 1st Shift
 1st Shift 12 Hrs
 1st Shift Friday
 2nd Shift 12 Hrs
 2nd Shift Friday
 First Shift

Show in Top Losses
 Running
 Down
 Setup
 Standby

Devices
Bartelt5 [v] All

Print / Preview

View Shift Times

Active Schedules Status – Show Projected Schedules

The screenshot displays the 'Projected Scheduling' window, which is divided into two main sections: 'Projected Scheduling Details' and 'Schedule Options'.

Projected Scheduling Details: This section lists four projected report runs. Each entry includes the 'Report Run Date', the 'Range Selected' (1 Day(s)), the 'Start Date' (6:30 AM), the 'End Date' (2:51 PM), and the report content: 'Enterprise VetiiGROUP', 'Bartelt5', and 'First Shift'. The first entry for 5/2/2019 is highlighted with a red box, and a red arrow points from it to the 'Daily Scheduled Report' section in the 'Schedule Options' panel.

Schedule Options: This panel contains several configuration sections:

- Schedule to Run Report Every:** Radio buttons for Day (selected), Week, Month, and Not Scheduled.
- Time Filters:** A section titled 'Date Range : One Day' with explanatory text: 'These are the **time values used to generate the report content** (not the time that the report will run). Please make sure that these take the shift times into account. See "**Shift Times and Scheduling**" below.' It includes 'Start Time' (6:30:00 AM) and 'End Time' (2:51:00 PM) dropdown menus.
- Single Day Reporting:** Radio buttons for 'Full Day (Start Date is the day before the End Date)' and 'Current Day (Start Date and End Date are on the same day)' (selected).

A 'Daily Scheduled Report' section is also present, showing 'Run Report Every Day at 2:55:00 PM' with a dropdown arrow. A red box highlights this section, and a red arrow points from the first report entry in the 'Projected Scheduling Details' to it.

A 'Close' button is located at the bottom center of the window.

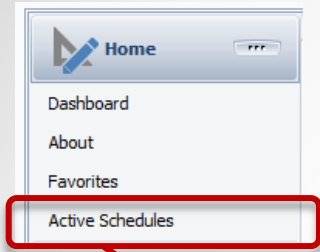
Use this screen to verify that the report is correctly scheduled.

Active Schedules Status Dashboard

If you feel that you are not receiving report emails, you can check the status of the Scheduler Service through the Active Schedules Dashboard.

You will see that the Report Tiles are no longer displayed and there is a notice that the Scheduler Service was stopped.

There are any number of reasons why this could happen. Please contact the support team to assist in getting the Service started.



A screenshot of the 'Active Schedules Status Dashboard'. The page title is 'Schedule Summary'. The top left shows the date and time: '5/2/2019 1:43:35 PM Thursday, May 02, 2019'. On the right, there is a search bar with the text 'Enter text to search...' and buttons for 'Find' and 'Clear'. The main content area is divided into two sections. The top section is titled 'Scheduling Service' and contains three sub-sections: 'Last Service Poll' (Thursday, May 02, 2019 1:41:53 PM, 2 minutes ago), 'Last Service Status Report' (Thursday, May 02, 2019 1:41:53 PM, The Scheduler Service was stopped), and 'Last Change to Schedules' (Scheduling is empty or inactive). This entire 'Scheduling Service' section is enclosed in a red rounded rectangular border. The bottom section is titled 'Scheduling and Shifts' and contains an 'Important : Shift Times and Scheduling :' notice. The notice text reads: 'Data for reporting on a device is only available at the end of the shift. If a shift is still in progress when the schedule is run, no data will be available for that shift. Please make sure the start time, end time and schedule time are chosen appropriately. Use the buttons for each schedule to view a summary of the recent shift times and projected schedules.'

OEE Studio v 4.4

In order to support the Vorne v1.3.x firmware, you must upgrade to the latest

XL Bolt-on Data Collector version 1.8.9.5

[http://www.sulzerconsulting.com/downloads/vorne/XL Bolt-On Data Collector.zip](http://www.sulzerconsulting.com/downloads/vorne/XL_Bolt-On_Data_Collector.zip)

Version 4.x of OEE Studio supports all versions of Vorne XL device v1.x firmware.

Smart Installation

<http://www.oeestudio.com/installs/release/v4/setup/InstallOEEStudio.exe>

If you have questions or need assistance, please contact either
Debbie Olk (OEE Studio, OEE Alert, ERP integration, or custom reports)

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or

Jim Sulzer (XL Bolt-On Data Collector).

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OEE Studio, OEE Alert and XL Bolt-On Data Collector are part of the Marketing brand of

Vetii | GROUP